

# INTERNATIONAL SEARCH REPORT

International Publication No

PCT/IT 03/00459

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B31C1/00 B31C3/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B31C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 882 287 A (KUCKHERMANN GUSTAV) 16 March 1999 (1999-03-16) the whole document	1-5
A	US 4 395 253 A (GOODMAN JAMES A) 26 July 1983 (1983-07-26) abstract; figures 1,7	1-5
A	FR 2 734 757 A (TUBETTI ANTONIO FAVRETTO SRL F) 6 December 1996 (1996-12-06) abstract; figure 1	1-5
A	FR 2 606 706 A (PAPER SA) 20 May 1988 (1988-05-20) the whole document	1-5
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*8\* document member of the same patent family

Date of the actual completion of the international search

18 November 2003

Date of mailing of the international search report

02/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Damiani, A

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IT 03/00459

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 937 918 A (ANACONDA ALUMINUM CO) 25 September 1963 (1963-09-25) abstract; figures 1,2 -----	1-5

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IT 03/00459

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5882287	A	16-03-1999	DE 4401723 A1	27-07-1995
			CA 2140501 A1	22-07-1995
			CN 1127178 A ,B	24-07-1996
			DE 59406675 D1	17-09-1998
			EP 0664208 A2	26-07-1995
			ES 2119052 T3	01-10-1998
			JP 3345201 B2	18-11-2002
			JP 8025527 A	30-01-1996
			RU 2095250 C1	10-11-1997
			TW 417600 Y	01-01-2001
US 4395253	A	26-07-1983	US 4250797 A	17-02-1981
			US 4347934 A	07-09-1982
FR 2734757	A	06-12-1996	IT T0950128 U1	02-12-1996
			FR 2734757 A1	06-12-1996
FR 2606706	A	20-05-1988	ES 2008113 A6	16-07-1989
			FR 2606706 A1	20-05-1988
			IT 1223080 B	12-09-1990
GB 937918	A	25-09-1963	FR 1303827 A	14-09-1962
			US 3156401 A	10-11-1964
			DE 1411533 A1	17-10-1968